

Appendix E

CFA Facilities Analysis Screening Tables

Appendix E

CFA Facilities Analysis Screening Tables

The attached tables are a screening tool for the WAG 4 CFA Facilities Analysis. The analysis includes a review of operational, inactive, and demolished facilities at CFA, Fire Station #2, and Gun Range, with respect to their impact on cumulative risk at WAG 4. All CFA facilities with the exception of roads, parking lots, and sewer and water systems are included in this screening.

Tables 1 and 2 are organized under the headings discussed below.

Facility Numbers and Names

The facility numbers and names were taken primarily from *Standard Number Assignments for INEL Buildings, Structures and Roads* (LITCO 1995). Numbers and names are assigned to INEEL facilities to comply with DOE-ID Architectural Engineering Standards. Construction documents, such as drawings and specifications, are indexed to these numbers.

There are several facilities in the screening table where duplicate numbers and names are shown. The reasons for number duplication are due to one or more of the following:

- Number and name assignment errors may have occurred during project planning, or the appropriate facility numbers were not used on project documents
- Facility numbers were not assigned to many underground storage tanks at the time of installation. Consequently, the facility number of a nearby building became the commonly accepted number of the tank itself (i.e., CFA-688 Tank—Diesel Fuel UST at CFA-688 Communications Building)
- Numbers that were deactivated when a facility was demolished were later reassigned to newer facility. Therefore, the same facility number may be shown with different names (i.e., CFA-696 Transportation Complex and Storage for NOAA).

Description and Background Information

The facility descriptions and background information were taken from the *Site Development Plan* (1990) and FFA/CO documentation (i.e., Track 1, Track 2, and RI/FS investigations).

Management Control Documents/Source of Information

The primary management control documents and sources of information shown in the table are:

- INEL Emergency/RCRA Contingency Plan (1995)
- LMITCO Management Control Procedure 456 Management of Storage Tanks
- Hazard Assessment for Facilities Located at the Central Facilities Area (INEL 95-0008), June 1995)

- LMITCO Management Control Procedure 2734 Explosives Safety
- LMITCO 1995 SARA Title III database printout
- Files from tank removal projects
- FFA/CO documentation.

Screening Criteria

The facility screening process is designed to evaluate the potential of a facility to contribute to cumulative risk at WAG 4. The screening criteria are discussed below.

A facility was eliminated from further evaluation if:

1. It is assigned to an existing operable unit in WAG 4 under the FFA/CO.
2. It may have processed, stored, or utilized hazardous materials, but has no historical evidence based on process knowledge or specific sample data that a release to the environment has occurred; or releases to the environment have been remediated.
3. It would not have processed, stored, or utilized hazardous materials/waste and may contain products that are packaged for distribution to the general public (i.e., cleaning chemicals). These areas would include personnel offices, non-hazardous liquid storage (i.e., water storage tanks or towers, water facilities, electrically driven pumping facilities, and facility maintenance shops).
4. Discharges from the facility to the environment are permitted through other programs and/or the facility is operated with appropriate management controls.
5. Data indicate that releases from tanks are less than the risk based soil concentrations for BTEX and petroleum hydrocarbons (See Tables 3 through 10).

Facilities that do not meet the above criteria are retained for further evaluation in the OU 4-13 Feasibility Study.